

Committee:

TOBACCO INDUSTRY RESEARCH COMMITTEE

#263

Dr. Bing, Chm.
Dr. Comroe
Dr. Cattell

150 East Forty Second Street
New York 17, N.Y.

Cf. #63
Activated: 4/15/55
and #148
Activated: 7/1/57

Application for Research Grant

Date: February 3, 1960

1. Name of Investigator: Dr. David L. Simon and Dr. Arnold Iglauer
2. Title: Circulatory Effects of Snuff
3. Institution & Address: Cardiac Laboratory
University of Cincinnati, Cincinnati General Hospital,
Cincinnati 29, Ohio
4. Project or Subject: To round out our clinical studies on the circulatory effects of various forms of tobacco, we propose to study the effects of snuff on the heart and circulation in a manner similar to that used for the study of cigarettes, chewing tobacco, pipes and cigars.

5. Detailed Plan of Procedure: Twenty-five or more snuff users will be studied following the use of both regular snuff and a low nicotine snuff or a placebo and changes in the ballistocardiogram, skin temperatures, pulse rates and blood pressures will be observed.

Skin temperatures will be taken in a constant temperature room, as in our previous studies.
Ballistocardiograms, pulse rates and blood pressures will be taken as in our previous studies.

We propose to study each individual on three separate days.

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|------------------------|---------------------|-----------|
| 6. <u>Budget Plan:</u> | Salaries | \$ 3,200. |
| | Expendable Supplies | 100. |
| | Permanent Equipment | ----- |
| | Overhead | 300. |
| | Other | ----- |
| | Total | \$ 3,600. |

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7. Anticipated Duration of Work: Six months to a year.
8. Facilities and Staff Available: Constant temperature room - Kettering Laboratory
University of Cincinnati
Cincinnati, Ohio
- Cardiac Laboratory
Ballistocardiograph Laboratory
Cincinnati General Hospital

Staff: Drs. Simon and Iglauer, Technicians, Research Fellows of the Cardiac Laboratory and one hired technician to help in the experiments.

9. Additional Requirements: None

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10. Additional Information (Including relation of work to other projects and other sources of supply):

The subjects will be obtained from a large group of snuff users in this community. This will complete this series on our research into the effects of tobacco in its various forms on the heart and circulation.

/s/ David L. Simon
Director of Project

/s/ R. M. Hoefer
Business Officer

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